

TABLE I

cDNA	Embryo Phase	Clone	Nucleotide Sequence
SEQ ID NO:252	Late	LPZ-223	TGGGCGAATCATATGGCTTGCATTTTCATTGTAACATGTATACGTTAAGGATTATCA TAATGCCTCCAAAACCTTGATCTTCGTCCTTGCCACAATACATCCAGGATAACTAA TGGAAGCTTGACATGTCTTCACCAGTAATAATATATCAACTATAATACATGCCATTCT TTTATCAGTTTTGAACAAAATAATCGATTTGCATTCTTGACAAAGAACCTCGCGCAT AAAAACAAATAAATTCTCATAATGCCTCCCAAACCTTGATAGTCTGGGCCCTCAGTCG CCACAATCCATTTAAGAGGAATTTGGGGGTTGATAGTGCCAGGTCCAATCTTCAT GAAATTCTGTTTCATCAATCTTTGCTGCATACACATCTCTCTGCTTTCATATCTG GGATCGCACC
SEQ ID NO:253	Late	LPZ-224	CCACTATAATGAACATTGATATTACAAATATAATATACATTAATATTACAATTCAAATC ATTGACAATGAGCAGGCACTACTTGCACTGCTTTGGAATTCAGACTTCTGATTTGCA ATTAATTCTTGAGACGCTTTTCTGGGAGGGCAGGTTTTCCGCTTCAGAGAAAACC ACGTACAAAACGATATTAATAAAAAATAGACACATACAAAAAATACTTCATTTTTGC TCTTCCATTTGGTTTCTTCTCTATCTCCATTTTGGAGGGCTTAAATGACTTCAAT TTAAAAGTCAACAACAGAGTGCAGCACATTCTATTAGCTTTGCTGTAATATCTGAT TGGATCGCACC
SEQ ID NO:254	Middle	LPZ-225	GGTGCGATCCGCATTAAGAGAAGCATACAAGAAAAAGAAGTACCTGCCTCTTGATT TGCGTCCCAAGAAAGACTCGTGCTATCAGGCGACGCCTTACCAAGCATCAGGCATC ATTGAAGACTGAGAGACAGAAAAAGAAAGAGATGATTTTCCAATGAGAAAGTATG CAGCCAAGGTGTAAGCACAGGATTTGAGCTTTCATGCAATTTTTTGTACTCGCG GGATGATATTGCCTATTATATTCCGTCCAAGTTTTTGGCAAATTCCTATTTGCATCA GAATTCAGTTATGATAGGTGTTCTTTCTGTTTTGAGCAGTTGATATTGTTTATCTTT TATTTCTATTATTAATCTTCTAAGTTGGATCGCAC
SEQ ID NO:255	Late	LPZ-226	AAACAGACAAATATAGAAATATGCATACATAAGTCCCTGCAGAATTGTTTTCCGCAA TGAATTCTGGTTTATGGCAACATTACCTACTTAGTACTAACCCCTAAGATTATTTTCAG CTCTGATAAGTGGCATACGTGTATCAATCTTGATGAGTCTATCCCTGTTTTAATCT TTTGTGGGATCGCACC
SEQ ID NO:256	Late	LPZ-227	GTGGAAGCTTCATTGTAAAACACTACTGGTTTTGAGAGAACAAAATATATACGCTAG CCGAGTGGATTATAACAAAATATAGGCTTTATTCTATTGGATCGCACC
SEQ ID NO:257	Late	LPZ-228	GGTGCGATCCCATACATTAACATAGCCATCACAGCCCCAGTGGCAAAAGTACCAT AGCTGCAAAAACATTATAAACTAACATTCTACAAGGAAATAAAATACAATAAAAA AGCAAGCAATAGGCATTAGGGGAGGGAGAAGCTAAACTATTAAGCAACTTACATG GGATGAAAGGCAATTGCGTTTACTGGATAAACAGTATCTCTGCCAGCCTCTGACTT GCGATGACATTTAAAGGCATATTTTTTAAGCTTGACCAGCTTCAGATACATCATAAT ACTCCATAGCCATGCGAGCTTCCACAGAATAAGGGGCAAAACCTGTTCCATTGG ATCGCATCA
SEQ ID NO:258	Late	LPZ-231	GGTGCGATCCAAGTGAAGGGTGTGGTGGAAAGATGACACCAAGTGGGTTCT CTATTCTCCAGAGGATGCAAGAAAAATTCTGAGAGCAAAGAAGATGGGGACTCAA ATATTACGTTGGGTTCTGTAAATCTGCCAAGTACCCTTCAGGAAAGCTTTATGCCA TAGACCTGGTGGCCATGAAGCAAACCAATGTAAACACTGGCTTCTCCAGAGATATC AAAATCATCAATCTTGCCCTACTGATGATCAGGAAGATGTAGAGTCTGATGAAGAA GATGAATTATTCACATTCTCTCGTCTGTCAAAGTTGAAGTGATTAACCAGAGCAGG AAACCTGATAAGATTGTCAAGATGGTTCCTTCTGTCACTGTAGACCTTGAGAAATTG ACTTCTCAATACCTCCTGGAGGATGAGTGCAATTTGTTCTAAAGCTTCCAGGGC TGCAGCTGCCCAATCGGATCGCACC

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cDNA	Embryo Phase	Clone	Nucleotide Sequence
SEQ ID NO:259	Middle	LPZ-233	GGTGCGATCCAGCTAATCAAACCTAATGGAGAGCCCTTCCAGGAAGAGTAAATGG TAGTCACTTGAAGCCCTACACGGGTGGGCTGGCGGTCTGACTAACTGACCAAAAC ATAGTCTTCGCGACCCAACAAGCCAGACAGAGGTGTGGGACTATAAGCACAAAGTAC TAGAAGCTAGCATCAAAGTAGAGAATTAAGTTAGATACAGATGATTGAGAAGCAGAA ATGGAGCAGATCCAGACCACGGTAGCATGGTGAGTTACGAACCTTCACGCCACAC CAACGCAATTGGTTAAGACTTCGCACTAGGATCGCACC
SEQ ID NO:260	Late	LPZ-234	GGTGCAATCCATAGTTCCTTTTCTAAGCGACTACTCTATCTCTTTTGACATTTCTCC AAATATTGGGTCTTTTCAGTTCCTTCAAATGCTAGAATCATATCAACATGGGATTTAG TGAGGCCGCAATACTAACCAGGGCATTAAATAATACATTTTCATTGATCCTATTCCC AAAACATTTCCCGCTATCGTACGTTGACTCAGCATATTTAGAGCAATTTCTTTTACA AACCTTAAGAAGGTTGTTTCATGATAGTCTTTCCGCTGCAATATTGGATCGCACC
SEQ ID NO:261	Late	LPZ-235	GGTGCGATCCACCCAAGAGTTAAATTCACCTTCTCCGCTTTCTGAGGAAGAGCAC TCTTTGGATGATATGAAAAGTGGTCCACTCTTAAAAACCGTATTCGGAACCTGTTC CGCGGACGGTCGTATGGCGTAACCGGCGCAGACATTTATCTCCTCACACAATATC AACATTGAAGTCCCGCTGTTCCCGGTTGCCCTTTCTGCTCCCGACCGTTAAACA AGAACGACCACAAGAATGAACAACACCGCAACCGAAACCTGACCCTCCACGTTGTC TTCGGTTCGGATCGCACC
SEQ ID NO:262	Late	LPZ-237	GCGGACGCCTGGCAAAAACAGAGGGTATGCTCAAGCCTTACAGAAATTGAAAAATA AGAGAACGTATGACCATCAATCTCAATCTCAAGAAAAGAAGTTGCAATACGACTCCA ACACTTTTGAAGTTGGAGGTTTGCTCTTTCTAGCGTTGCAGACATGTTGGTTTTG AGCTGGAAGCGTGTAACGGGCACTTTACAGTTGCGGGAATTGGAGATTGAGGACC CCCTCTCAAACGTCGATAGGGAGGCTAAGCATCTATAGAGGATTGTGATTGGTCCT TTTCCGCTACATGGAAGAAAGTCAAACCTCAGAAAATTACCAGAAGAATTCTGTCGT CTTCTCGCAGCCGT
SEQ ID NO:263	Late	LPZ-239	GACGTTGTAAACGACGGCCAGTGTAAGAGCAGCCCCGATGCGCCGAAGCTCGC GAGGGAAAAGCTGCAGAAGATGGGACCGATGACCAAGAATGAGATCATCATGAGC GGCAGCTACTGGTCACGGTGGGTCTTTGGATATTTGGGGGAATGCTGAACGTGG ATGCTGTACTGCAGCGATCCTTGTTTGTCTGTCTACTCTGCACAGGCGTCCGC
SEQ ID NO:264	Late	LPZ-240	TACGGCTGCGAGAAGACGACAGAAGCAGAACCTGCCAATATAGGATCAATTGAATG TTGTGGGATTGCTGCATGCCCCACCTTTCCAGTTATTACTGCCTTGAAGAACCCAC AGCCAGCGAGTAAGGGCCCGGTTTCAACCAATCACAGATGTAGGATAATCGCT TGAAACATGCATAGCGAATATGCCTTCCACATTTCCAGTGCTCCCTCCTCTATCAT TCTTTTGTATCCTGCACCTGATTCTCTGCAAGGCTGGAAGAGTAATATGACAGTTCC CTGTAACAAAATGCTGACGTTGTTGCAAAATCTTTGCACCACCAAGAAGCATGGTAA CATGTGCATCATGTCCACAGGCGTCCGC
SEQ ID NO:265	Middle	LPZ-241	TACGGCTGCGAGAAGACGACAGAAAAGAGGCAAACCGAGCTCGACACCTCCACTC AGAGCATTTGCAAAAATCCACAACAAATCTGGAGCCAAGGTCTTTCCCTCATTGAAA ACATTTATCGGACACATCAATGTCTGTAGTCTTTCCCATGGTCCATCCAGAGTAATC ACGGGAAGAACAATGCACTTCAGTTGAGATTTTGTATGACAGCTATCAGCTCCTG ATCCTTTGAACCAGGTATATAATAATCTTGACCTGACTCCTGTTTCAACAGTGTA GGTTCTGTCAACCTCAAGCAATGAATCGGCAGAACTTCATTTGCTGTTTTGTCAAT ACAGGCATTGTTTTACCAAGACTGTGACGCATCTTCTGTCTTGTCTATACAGTGC AGTTTGTTCAGCATAGACTTATGTGCTAGAACATGTCTTCTTTTAAATTGTAAGA GAAATGTAGGGGTTGACTGCTTTTACTGAGGCGTCCGC

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cDNA	Embryo Phase	Clone	Nucleotide Sequence
SEQ ID NO:266	Middle	LPZ-242	ACGGCTGCAGAAGACGACAGAACCCTGGCTGACTACAAACATTCAAAGGAGTCTAC CCTGCATCTGGTGCTCCGTCTAAGAGGAGGCATGCAGATTTTTGTTAAACCCCTTA CAGGCAAAACAATTACTCTGGAAGTGAAAGCTCGGACACTATTGACAATGTA GCTAAGATCCAGGACAAGGAGGGAATCCCACCTGACCAGCAGAGTTGATCTTTG CCGGAAGCAGCTAGAAGATGGTCGTA CTCTGGCCGATTACAACATTGAGAAGGA GTCGACCCTTACCTGGTGCTCCGTCTCCGTGGTGGCTTTAGGTTGGCTGTTGT GTGTCAATGTAGTCTGGTGATGTTCACTGGTTTTCTGCTTAATCCTTTTATGTAT GCATGTGTTTGTGTTTGTGTTTGTCTCTATGTTTTCTACTTGGTTTGTGGT CGGTTGAAGCCCGCTGGTGTCCTGGTAGGCGTCCGC
SEQ ID NO:267	Middle	LPZ-243	GCGGACGCCTGGACAAACACAGAAGGCGAAGTAAAAGCCAGTCTTACTTTTCATGT AAATACTATCAAACCTGCATGGCCGTTCCGCTGGTTGGCAATACCACACCTGCGCCG GTAGTGCCAAATGAACACTGCACCGGCAGCTCTTTCAGAAGTTGCAGAGGACTTACC ATTTTAATTTTACGGCATCCCGTCAAACGGCGGGATGCTTTTAATTTTTTAATCAA AAAAATATTAATTATGGCACACAATATTGTTTTCAACGAACAGACAGGCAAAACACA GTTTCTTTAGTGTAAGAAAAAGCATGGCATGGTTTGGGGCAAAATTGTACAGGAC TATCCCAACAGTAAAGAAGCATTGCAATTTGCAGGGCTTGATTTTGAAGTTTGCAAA AGGCCCAATATTCACAGGCTTGATAATGGTAATGAGATTATTTCTACCAGTTCATTC TATACTTACCGTCTGATACCAACGCCATATTAGGCGTCCGC
SEQ ID NO:268	Late	LPZ-244	GCGGACGCCTGAACATAGGAGCATTCTTAAGCATATCAGGTATAACCATAAACCTG ACTTTGCTGCCCGAATAAAGACATGCTCCAATTGGGATACTTTTCCATCCTTGGCA GTGTAAGTGATGCCCTCGAGCTGGCAATTCCAGTTATCTTCGCATTGATCATGCT ACCCCTGTACAGCTCGCCACTTTTGAGTTCAACTGTCACAACATGCCCGCTGCTT CATGGAGCAACTTCACAGGAATCCCCAACTTCTGCTCATTTTTTTGTCAGTGTCTCA AAAACCTAAACCCAGATAAAACCTCGGTTCTGTGCCTTTATCCCCGGGTGGC TTATTGTTGCAGTAGTTGGCAACGGCTAGACTTACTCACATTTTGATTCAATCTTT CTAAGTTTGCCTTTTGGGTTTTCTCACAGTAGATCCTATTTTATGATTTTCTCGT CTTCTCGGCAGCCGTA
SEQ ID NO:269	Late	LPZ-246	GCGGACGCCTGCAGGAATCGGCCGATTGTCAGTTTCAGGCATAAGCGCATCGAG GTCGCGTTTCGATGTAGCAATTAAGCGCGCATGAACCGCCGCTAAGCAAGCCAGTC CCAATCAAAGCACATGCAAAGCGGATGCAATCAAATCTTCCGTTGTAAGCAAGCAC AAATCCAATGCACATGAGATCACCACCATGAATGCAATTCGAGTGCAGCTAAAT CCCAAAACGCTGCGAGTGTCCTTGAAGGCGATTGATGTAATATTTGACCGCTG CTCAACACAAGCAGTACTCCAAACACAGTGCTTCCGCCGTCAATTCTGTCGTCTT CTCGCAGCCGTA
SEQ ID NO:270	Late	LPZ-247	CTGCGAGAAGACGACAGAACACAGACACAAAATTTGGAACTACAGAAAAGACCAT GTCATGAAATCTTCATAATTGGGCTTCAGATGCAGAGGGGGTTCGGTTTTGGATTAA GCAATGGCTGAAGTGCTTTGACAACAATACTCATGTTAGGACGAAAATCTGCTTCAT ACTGCACACACAATGCCGCAACAGCAGCCATCTTTGCAACAGCCTTTGGAGGATAT TCACTCTTCAACTTGGGATCAACACACTGCTTTACTTTGCTTCACTCAATCTTGGA GTTGCCCAAGTAACAAGGCTTTGTTGTCCCTAGGCATTGTATGGTCCACAGGCGT CCGC
SEQ ID NO 271	Late	LPZ-248	TACGGCTGCGAGAAGACGACAGAAAGAGACAGGCTTGGACTTCGTGGCCTTCTTC CACCACGCATTATTTCTTTTTCAGCAGCAATGTGATCGTTTCATGGTTTCTTTAGAT CCCTGGAGCATAAAGCTCGAGATGGTTCAGCTGACTTAACAGCTCTGGCAAAATGG CGTATTCTTAACAGATTGCATGACAGAAATGAAACACTATACTACAAGGTTCTTATA GATCACATTGAAGAGTTTGCTCCAATAATCTACACTCCAATGTAGGATTGGTTTGT CAGAATTATGGTGGGCTGTTTCAGGCGTCCGC

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